

REMARKS

Applicant gratefully acknowledges the resetting of the period of response to this Office Action in light of the missing reference, as was discussed between the undersigned and the Examiner on September 23, 2004.

Applicant has amended the title of the invention, and it is submitted the new title is allowable.

Applicant has provided the appropriate drawings herein.

Applicant notes the Examiner's remarks regarding EDI, but does not believe the application is necessarily only related to EDI and implementing EDI Data, EDIFACT and transaction sets. Nor does applicant believe the invention is only related to implementing EDI in a specific industry. Accordingly, to the extent the Examiner's remarks in the section entitled "Information Disclosure Statement" are to be taken as limitations upon the invention, Applicant respectfully but strenuously objects to those remarks. In any event, Applicant is not aware of prior art, including the EDI type prior art mentioned by the Examiner, any more relevant than that which has been submitted.

Applicant respectfully traverses the Examiner's rejection of claims 43-84 under 35 U.S.C. 103(a) as being unpatentable over Template Software in view of EDI as taught by Sokol. In the remarks that follow, Applicant has maintained the Examiner's reference system with regard to the references that were cited in Office Action (e.g., Developing a WFT Workflow System is referred to as WFT.)

Applicant has addressed the Examiner's arguments claim by claim. The Examiner's opening argument, that motivation exists to combine the references, is

addressed under the argument with regard to claim 43 below. Amendments have been made excising the word "essentially" from claims 45, 47, 62 and 67, which, it is believed, place those claims in allowable form as argued further below.

Claim 43 – Amendment

Applicant has amended claim 43 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 85 and 86.

Claim 43 – Remarks

Applicant takes exception with the Examiner's statement the work item of Template, carrying transaction data, is similar to the original message of the present claims, comprised of message data.

Applicant also takes exception with the Examiner's statement that the monitoring process of Template is similar to the monitoring message of the present claims.

Applicant also takes exception with the Examiner's statement that EDI, as taught by Sokol, teaches a central message repository.

Because of these deficiencies in the art, Applicant also takes exception with the Examiner's statement that motivation exists to combine the references.

The Work Item Of Template, Carrying Transaction Data,
Is Not Similar To
The Original Message Of The Present Claims. Comprised Of Message Data

A description of Template is found in WFT, at page 2-2:

Workflow systems provide computer-based support for business processes. A workflow system consists of tasks, work items that are routed among tasks, and facilities for monitoring and managing the flow of work items through the system. The Workflow Template (WFT) provides predefined workflow system elements and integrated

development environment, and the tools you need to build a workflow system. A workflow system built using the WFT typically automates the flow of work throughout an entire business. However, you can just as easily use the WFT to automate portions of a business process...

Therefore, according to WFT, Template is primarily comprised of three elements:

- Task – the smallest work activity within a business process. In a WFT workflow system, a task is a point in the workflow where work items are created, manipulated or destroyed.
- Work item – the information processed by a task.
- Flow – a possible route between tasks through which a work item can travel in a workflow system. Flows automate the routing, queuing, copying and grouping of work items among tasks.

(WFT, 2-10 to 2-11)

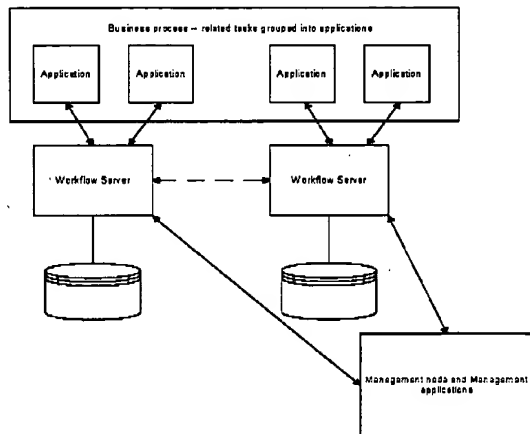
In operation, Template works as follows:

The work items, carrying transaction data, move along flows in and out of tasks. The work items may be held in a queue, while they are waiting for processing by a task.

Once a work item is processed by a task, a new work item is created with new transaction data and sent to the next task. Tasks may be grouped in an application, and a node is one occurrence of a named application. A server is a specialized node, and work items move among applications along flows. Monitors may be used to monitor information about queues, users, tasks, work items, and management commands.

(See, e.g., WFT, 2-5, 2-11)

A diagram, taken from Figure 2-3 at page 2-9 of WFT, shows interactions between the related components of business processes/applications and tasks, servers and management nodes/applications.



The work item may contain information or message data as noted by the Examiner. That information or message data is provided to a task. That task needs the message data to do "something." It appears that once the task has done its "something" it either creates a new work item or modifies the original work item to send new information -- new *transaction data* -- to a next task. Thus, the information carried from task to task -- the *transaction data* -- appears to change, and it is submitted that the Examiner is incorrect when he postulates that it is original message data equivalent to that of claim 43.

Since the transaction data carried by a work item in Template appears to change from task to task, Applicant respectfully disagrees that it is in any way similar to that original message data claimed in claim 43. Therefore, the work item of Template, carrying changing transaction information from task to task, cannot be seen as equivalent to the original message, carrying original message data, of the present claims.

The Monitoring Process Of Template
Is Not Similar To
The Monitoring Message Of The Present Claims

As the figure above shows, taken from 2-3 of WFT, monitors, in management nodes, depend from servers. Monitors also may depend from work items, queues, tasks, management commands and users. Therefore, the "monitoring process" of Template originates from a monitor which in turn is monitoring servers, work items, queues, tasks, management commands and users.

Monitors are involved in a monitoring process as the Examiner noted. The monitoring process appears to show its results on monitoring screens or windows (see, e.g., WFT 9-18 to 9-22.) The monitoring windows are accessed by the user in various ways and show various types of information are carried by the monitoring windows.

The monitors carry information *about the status of tasks*, WFT, 9-5 and 9-6. They do not carry task information – *nor do they carry information carried by the work items*.

This last is why the Examiner is incorrect in asserting that the monitoring process with associated windows is the same as the monitoring message of the present claims. Recall that the monitoring message of the present claims provides at least part of the original message data – that carried by the original message – to a repository. But the

monitoring process of Template only appears to show information about the status of tasks to a user through a window. There is no original message data provided to any repository in Template.

EDI, as taught by Sokol, does not teach a central message repository

EDI, as the Examiner notes, describes Electronic Data Interchange as "the intercompany computer to computer communication of standard business transactions in a standard format that permits the receiver to perform the intended transaction." At page 17, EDI states that "The concept of EDI is simple; EDI is the transmission of machine-readable data between trading partners' computers." At Figure 2.5, an EDI standard file is shown – which is a file, not a repository nor a database. In certain protocols, EDI occurs through a transaction set or sets – "electronic representations of paper based business documents[, which] are comprised of segments" or records, which in turn are comprised of data fields, or individual items of information. Page 98, EDI.

There might be some way of combining the systems, perhaps systems of Template could be placed at either end of an EDI transaction, but there is no way to stitch together a system out of the teachings of the references so that they make the invention of the present claims obvious. The references simply lack the elements the Examiner claims they have – as noted above:

- the work item of Template, carrying transaction data, is not similar to the original message of the present claims, comprised of message data;
- the monitoring process of Template is not similar to the monitoring message of the present claims;
- EDI, as taught by Sokol, does not teach a central message repository.

Because of these deficiencies in the art, Applicant also takes exception with the Examiner's statement that motivation exists to combine the references. There is no teaching nor suggestion nor disclosure of providing an original message with original message data – then a monitoring message with said original message data – then populating a transaction record in a central message repository with the original message data.

Claim 44 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 44.

Applicant also submits there is a certain amount of inconsistency here in the Examiner's position. The Examiner cannot have the monitoring process of Template be the monitoring message of Claim 43 – which populates a transaction record in a central message repository – while at the same time have that monitoring process be a method for reviewing data in the repository as in claim 44. The claims 43 and 44 have two different limitations, but the Examiner is attempting to have one process in Template be both.

Finally, however the monitoring process of template is proceeding, it does not appear to be created from a transaction record in a central repository as in claim 44. Rather the information appears to be created “on the fly” from a monitoring server.

Claim 45 – Amendment

Applicant has amended claim 45 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 85 and 86.

Claim 45 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 45. Moreover, the data viewed by the process is not original message data, provided by a transaction record from a data repository, but status data about work items. That is, the data viewed by the monitoring process of Template, shown at Figure 8 at page 9-23 is not a copy, in whole or part, of the transaction data carried by the work items. Rather the data viewed by the monitoring process is wholly new status data.

For the Examiner's position to be correct, the data viewed by the monitoring process of Template, shown at Figure 8 at page 9-23 would have to a copy of the transaction data carried by the work item. That is, have to be, as the claim teaches, a monitoring message with original message data from an original message. Template does not teach, suggest nor disclose this type of message and so Applicant submits, cannot be prior art to the claim.

Claim 46 – Amendment

Applicant has amended claim 46 to provide for a Markush group.

Claim 46 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 46. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. In contrast, the claim calls for a monitoring message with original message data, where the message data in one of the members of the Markush group.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 47 – Amendment

Applicant has amended claim 46 to provide for a Markush group.

Claim 47 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 47. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. In contrast, the claim calls for a monitoring message with original message data, where the message data in one of the members of the Markush group.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 48 – Amendment

Applicant has amended claim 48 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 87 and 88.

Claim 48 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 48. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. In contrast, the claim calls for a monitoring message with original message data, where the message data in one of the members of the Markush group.

Claim 49 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 49.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. In contrast, the claim calls for a monitoring message with original message data, where the message data in one of the members of the Markush group.

Moreover, it is submitted, since a monitoring message with original message data does not exist in the Template reference, the limitation of adding data other than original message data to a monitoring message does not exist either.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 50 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 50.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. There is no reference to a transaction record in the reference at all.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 51 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 51.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is

to a monitoring window, which only transmits information about the status of a work item. There is no reference to a transaction record in the reference at all.

Moreover, there is no reference to a second monitoring message either, nor to second original message data, etc., as claimed.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 52 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 52.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 53 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 53.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. There is no reference to a transaction record in the reference at all.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 54 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 54.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 55 – Remarks

The remarks above with regards to independent claim 43 apply as well to its dependant claim 55.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item. There is no reference to a transaction record in the reference at all.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 56 – Remarks

Applicant submits that the remarks above with regards to independent claim 43 apply as well to this independent claim. That is, the references simply lack the elements the Examiner claims they have – as had been noted above:

- the work item of Template, carrying transaction data, is not similar to the original message of the present claims, comprised of message data;
- the monitoring process of Template is not similar to the monitoring message of the present claims;
- EDI, as taught by Sokol, does not teach a central message repository.

Because of these deficiencies in the art, Applicant also takes exception with the Examiner's statement that motivation exists to combine the references. There is no teaching nor suggestion nor disclosure of providing an original message with original message data – then a monitoring message with said original message data – then populating a transaction record in a central message repository with the original message data.

Moreover, there is no original message data supplied by a second monitoring message, nor a transaction record for storing the data in the reference.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 57 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 57.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 58 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 58.

Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is

to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 59 – Amendment

Applicant has amended claim 59 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claim 89.

Claim 59 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 59. Moreover, there is no first monitoring message comprising altered message data in Template – as was noted above there is no first monitoring message at all.

Claim 60 – Amendment

Applicant has amended claim 60 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claim 60.

Claim 60 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 60. Moreover, there is no first monitoring message comprising altered message data in Template – as was noted above there is no first monitoring message at all. Moreover, there is no original message data supplied by a second monitoring message, nor a transaction record for storing the data in the reference.

Moreover, it is submitted, since a monitoring message with original message data does not exist in the Template reference, providing a monitoring message with data added to said original message data does not exist either.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 61 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 61. Moreover, Applicant is unable to find a central message repository in the references. Therefore, since there appears to be no central message repository in either Template nor EDI, the claim is patentable over the reference.

Claim 62 – Amendment

Applicant has amended claim 62 to provide for a Markush group.

Claim 62 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 62. Applicant is unable to find a central message repository in the references. Therefore, since there is appears to be no central message repository in either EDI nor Template, there can be no review of a central message repository.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 63 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 63.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 64 – Amendment

Applicant has amended claim 64 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claim 91.

Claim 64 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 64.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 65 – Amendment

Applicant has amended claim 65 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 92 and 93.

Claim 65 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 65.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 66 – Amendment

Applicant has amended claim 66 to make more clear the subject of the claim. The reference to "said central data repository" has been amended to refer to "said central message repository." It is submitted that the claim was understandable formerly as "said central message repository," with the amendment serving to make more clear precisely what is being claimed.

Claim 66 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 66. Moreover, Applicant is unable to find a central message repository in either reference. If there is no central message repository, Applicant submits, there can be no analysis of the central message repository in order to determine a process trend.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 67 – Amendment

Applicant has amended claim 67 to provide for a Markush group.

Claim 67 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 67. Moreover, as Applicant had noted with regard to claim 66, Applicant is unable to find a central message repository in the reference. Therefore, Applicant submits, there can be no analysis of the central message repository in order to determine a process trend, nor elements of the Markush group limitations.

Claim 68 – Remarks

The remarks above with regards to independent claim 56, and dependant claim 67, apply as well to its dependant claim 68. Moreover, as Applicant had noted with regard to claim 66, Applicant is unable to find a central message repository in the reference. Therefore, Applicant submits, there can be no analysis of the central message repository in order to determine a process trend, nor can there be acceleration of orders as a result of such analysis.

Claim 69 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 69. Moreover, the RSTO is not comparable to a monitoring message database as the status messages stored by the RSTO appear to be about “important system events.” Nowhere is there any reference to a monitoring message transmitting original message data from a first or second sub process as in the present claim.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 70 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 70. Moreover, there is no central message repository that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 71 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 71. Moreover, there is no central message repository that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 72 – Remarks

The remarks above with regards to independent claim 56 apply as well to its dependant claim 72. Moreover, there is no transaction record that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 73 – Amendment

Applicant has amended claim 73 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 94 and 95.

Claim 73 – Remarks

Applicant submits that the remarks above with regards to independent claim 43 apply as well to this independent claim. That is, the references simply lack the elements the Examiner claims they have – as had been noted above:

- the work item of Template, carrying transaction data, is not similar to the original message of the present claims, comprised of message data;
- the monitoring process of Template is not similar to the monitoring message of the present claims;
- EDI, as taught by Sokol, does not teach a central message repository.

Because of these deficiencies in the art, Applicant also takes exception with the Examiner's statement that motivation exists to combine the references. There is no teaching nor suggestion nor disclosure of providing an original message with original message data – then a monitoring message with said original message data – then populating a transaction record in a central message repository with the original message data.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 74 – Remarks

The remarks above with regards to independent claim 73 apply as well to its dependant claim 74. Moreover, there is no transaction record that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 75 – Remarks

The remarks above with regards to independent claim 73 apply as well to its dependant claim 75. Moreover, there is no transaction record that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim. Additionally, the Examiner's reference to WFT, Figure 9-8 at page 9-28 is, Applicant submits, inapposite to the present claim. As was noted above, the reference is to a monitoring window, which only transmits information about the status of a work item.

Accordingly, there can be no broadcasting of data collected in a transaction record as there is no transaction record.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 76 – Amendment

Applicant has amended claim 76 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 96 and 97.

Claim 76 – Remarks

Applicant submits that the remarks above with regards to independent claim 73 apply as well to this dependent claim. Moreover, there is no central message repository shown that Applicant can locate in the reference, and therefore there is no means for providing access to the repository.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 77 – Remarks

The remarks above with regards to independent claim 73 apply as well to its dependant claim 77. Moreover, there is no monitoring message that Applicant can locate in the reference and since a monitoring message with original message data does not appear exist in the Template reference, a means for adding to the monitoring message data other than original message data does not exist either.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 78 – Remarks

Applicant submits that the remarks above with regards to independent claims 43 and 56 apply as well to this independent claim. That is, the references simply lack the elements the Examiner claims they have – as had been noted above:

- the work item of Template, carrying transaction data, is not similar to the original message of the present claims, comprised of message data;
- the monitoring process of Template is not similar to the monitoring message of the present claims;
- EDI, as taught by Sokol, does not teach a central message repository.

Because of these deficiencies in the art, Applicant also takes exception with the Examiner's statement that motivation exists to combine the references. There is no teaching nor suggestion nor disclosure of providing an original message with original message data – then a monitoring message with said original message data – then populating a transaction record in a central message repository with the original message data.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 79 – Remarks

Applicant submits that the remarks above with regards to independent claim 79 apply as well to this dependent claim. Moreover, there is no central message repository that Applicant can locate in the reference, and therefore there is no means for reviewing the repository.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 80 – Amendment

Applicant has amended claim 90 to make more clear the subject of the claim. The reference to “said process progress information” has been amended to refer to “process progress information.” It is submitted that the claim was understandable formerly as “said process progress information,” with the amendment serving to make more clear precisely what is being claimed. Applicant has also amended claim 80 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claim 80.

Claim 80 – Remarks

The remarks above with regards to independent claim 78 apply as well to its dependant claim 80.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 81 – Remarks

The remarks above with regards to independent claim 78 apply as well to its dependant claim 81. Moreover, the RSTO is not comparable to a monitoring message database as the status messages stored by the RSTO appear to be about “important system events.” Nowhere is there any reference to a monitoring message transmitting original message data from a first or second sub process as in the present claim.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 82 – Remarks

The remarks above with regards to independent claim 78 apply as well to its dependant claim 82. Moreover, there is no central message repository that Applicant can locate in either the EDI or Template references, and so Applicant respectfully disagrees that the references disclose the limitations of the claim.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 83 – Amendment

Applicant has amended claim 83 to reflect only the limitation addressed by the Examiner. The other limitations are present in new claims 99 –100.

Claim 83 – Remarks

Applicant submits that the remarks above with regards to independent claim 43 apply as well to this dependent claim. Moreover, there appears to be no reference to a simulated process in the reference.

Therefore, Applicant submits, the claim is patentable over the reference.

Claim 84 – Remarks

Applicant submits that the remarks above with regards to independent claim 43 apply as well to this dependent claim. Moreover, there appears to be no reference to original message data nor simulated original message data.

Therefore, Applicant submits, the claim is patentable over the reference.

New Claims 85 and 86 – Remarks

These claims are new claims, from claim 43, with the limitations that the Examiner did not examine in claim 43. It is submitted that the claims are allowable for the reasons given in the remarks in claim 43.

New Claims 87 and 88 – Remarks

These claims are new claims, from claim 48, with the limitations that the Examiner did not examine in claim 48. It is submitted that the claims are allowable for the reasons given in the remarks in claim 48.

New Claim 89 – Remarks

This claim is a new claim, from claim 59, with the limitations that the Examiner did not examine in claim 59. It is submitted that the claim is allowable for the reasons given in the remarks in claim 59.

New Claim 90 – Remarks

This claim is a new claim, from claim 60, with the limitations that the Examiner did not examine in claim 60. It is submitted that the claim is allowable for the reasons given in the remarks in claim 60.

New Claim 91 – Remarks

This claim is a new claim, from claim 64, with the limitations that the Examiner did not examine in claim 64. It is submitted that the claim is allowable for the reasons given in the remarks in claim 64.

New Claims 92 and 93 – Remarks

These claims are new claims, from claim 65, with the limitations that the Examiner did not examine in claim 65. It is submitted that the claims are allowable for the reasons given in the remarks in claim 65.

New Claims 94 and 95 – Remarks

These claims are new claims, from claim 73, with the limitations that the Examiner did not examine in claim 73. It is submitted that the claims are allowable for the reasons given in the remarks in claim 73.

New Claims 96 and 97 – Remarks

These claims are new claims, from claim 76, with the limitations that the Examiner did not examine in claim 76. It is submitted that the claims are allowable for the reasons given in the remarks in claim 76.

New Claim 98 – Remarks

This claim is a new claim, from claim 80, with the limitations that the Examiner did not examine in claim 80. It is submitted that the claims is allowable for the reasons given in the remarks in claim 80.

New Claims 99 and 100 – Remarks

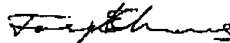
These claims are new claims, from claim 83, with the limitations that the Examiner did not examine in claim 83. It is submitted that the claims are allowable for the reasons given in the remarks in claim 83.

In the event the Examiner does not allow all the claims in the case, Applicant respectfully requests an Interview before the next Office Action, so as to determine if the claims can be put in condition for allowance.

Conclusion

Therefore, for the reasons given above, Applicant submits the application is now in condition for allowance and Applicant respectfully requests early issuance of the Notice of Allowance.

Respectfully submitted,



Joseph E. Chovanes
Registration No. 33,481
Suite 329
5 Great Valley Parkway
Malvern, PA 19355
(610) 648-3994